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*                                     *
*  NASCOM EXTENDED BASIC  *
*                                     *
*    NAS-DOS VERSION    *
*                                     *
*      REV 3.2D      *
*                                     *
*****
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Nascom Microcomputers
XBASIC IMPLEMENTATION NOTE

NASCOM EXTENDED BASIC REV 3.2

The version of Extended BASIC supplied for use with the Nascom Advanced Video Controller (AVC) uses features not described in the original AVC manual, Rev 1.1. There are also changes in the locations of routines and data. Therefore when using the AVC graphics version of Extended BASIC you should refer to versions of the AVC manual marked Rev 1.2 or later.

NASCOM ENHANCED BASIC FOR NAS-DOS

This manual describes the use of the Nascom Extended BASIC language. Extended BASIC (XBASIC) is available in three versions for use with tape, the NAS-DOS disc operating system and the CP/M disc operating system. The main body of this manual describes the general features of the language, and the Implementation Notes describe features peculiar to the NAS-DOS version. We suggest a quick look at the Implementation Notes before you start reading the main manual. This will then enable you to note those areas of the main manual which differ from your NAS-DOS version.

XBASIC IMPLEMENTATION NOTE

Please note the following errors and omissions in the Nascom Extended BASIC (XBASIC) Manual Rev 3.1T.

1. Chapter I, page 7
In the last example in section 5.2, the first line should read:
IF X>15 THEN A=1: ELSE A=0
(i.e, the 1 and the 0 are interchanged).
2. Chapter I, page 8 and Appendix A, page 58. For '3/4', read '2'.
3. Chapter II, page 9. The cursor movement keys described near the bottom of the page should be indicated by the appropriate arrows between the single quotes.
4. Chapter III, page 19. Near the top of the page, the assignment:
LET AA=1+2*3/4 should, of course, assign the value 2.5 to AA,
NOT 4.5.
5. Chapter III, page 24. In the POINT function description, the word CONJUCTION should, of course, read CONJUNCTION.
6. Chapter IV, page 30. In the example program given under the description of the SEP command, the variable MONTH should be changed to MNTH (note that MON is a reserved word).
7. Chapter IV, page 31. In the fourth example under FMT, the result of PRINT 7895 should display as 7.89500E+03, not as 7.895000E+03.
8. Chapter IV, page 33. The description of the ZONE command gives the parameters in the wrong order, and does not describe its use as a function. Here is the complete description of ZONE:

ZONE <J1>,<J2>
Sets the print zone (tab) width (<J2>), and the largest column for which printing to the next zone will stay on the same line (<J1>), known as the ZONE LIMIT. The default settings for these will vary according to the implementation, and will be found for your machine in the scratch-pad list at Appendix B, as WIDTHT (zone limit) and ZWIDTH (zone width). The current values for these may be obtained at any time by using ZONE as a function, i.e, PRINT ZONE(0) displays the zone limit, and PRINT ZONE(1) displays the zone width.
9. Chapter V, page 40. In the eighth line of section 6.2, change 9000 to 9030.
10. Chapter V, page 42. All references to "example b." should read "example 6.2"

11. Appendix C, page 72. In the description of the routine LEN1, location TYPE should read NTYPE.

12. Appendix D, page 76. In the listing of the HOME command, the location marked 4263: should read 4262:.

13. Appendix D, page 80. The default pointers for the auxiliary tables are incorrect. They should read as follows:

3A80: 00 42	Start of Auxiliary Reserved Word Table.
3A8A: 40 42	Start of Auxiliary Address Table.

To recap, and hopefully make this point clear - if extra words are to be entered as TEMPORARY additions, use the normal scratch-pad locations as in Appendix B. They will then be removed at the next 'cold start' to BASIC. If, on the other hand, they are to be PERMANENT additions, use the default locations given above. A 'cold start' will then still allow the use of your tables.

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